

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: HALO

Report Number: P1590626

Luminaire Tested: HCDLS510CSD6TRMW-LO-5000K

Issue Date: 9/4/2026

Test Information

Test Method: LM-79-2019
Report Number: P1590626
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (A2603928B003)
Test Lab: INNOVATION CENTER
Issue Date: 9/4/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: HALO
Catalog Number: HCDLS510CSD6TRMW-LO-5000K
Description: 6" Selectable Round Trim+Matte White (paintable) 500 Lumens 5000K

Light Source:
Ballast/Driver: -

Summary

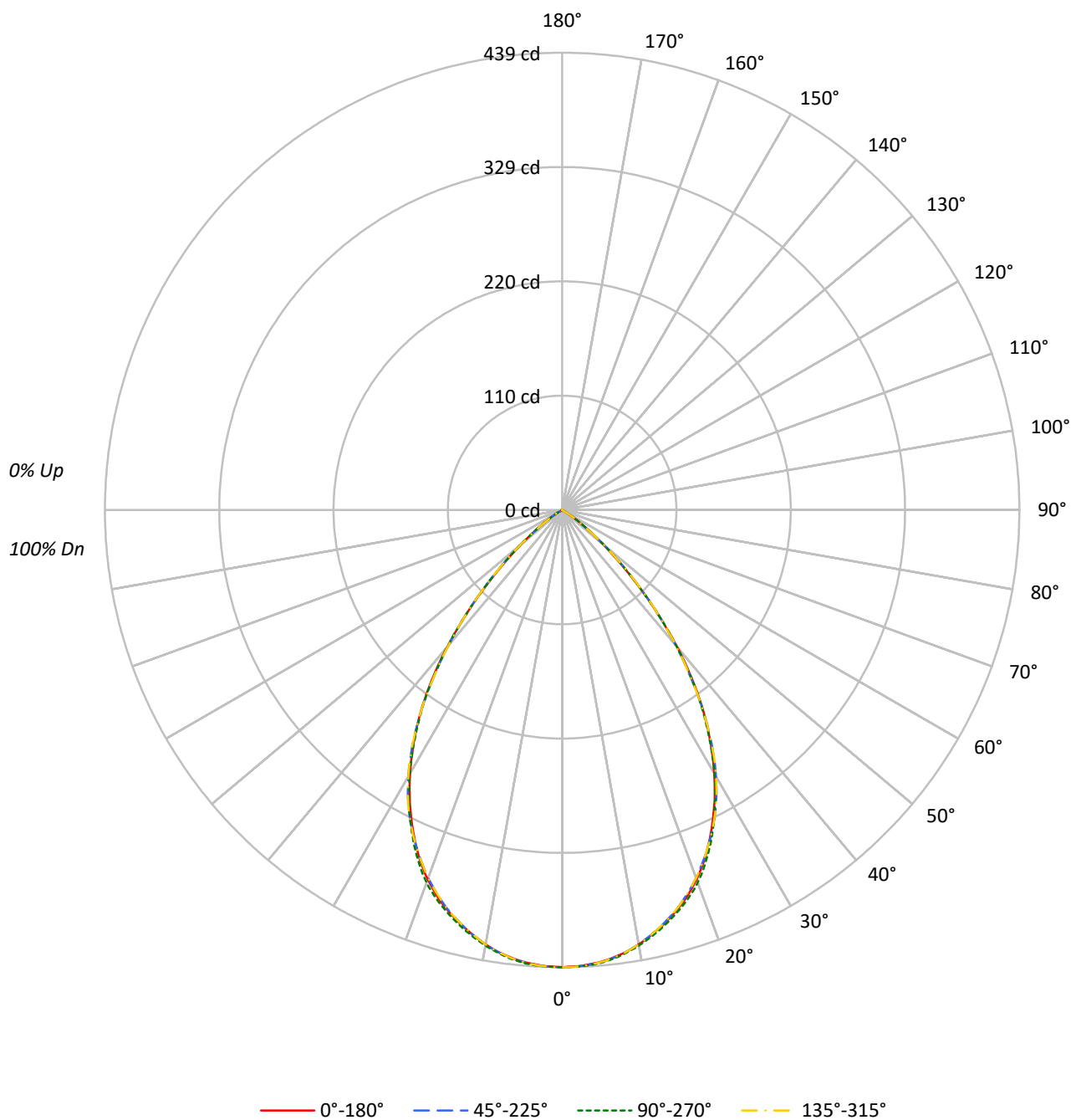
Lumens per Lamp: N/A
Luminaire Lumens: 558.0 lumens
Efficiency: N/A
Efficacy: 93.0 lumens/watt
Spacing Criteria (0/90/45): 1.05 / 1.05 / 1.06
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 6
Input Voltage (V):
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor:
Total Harmonic Distortion (THDi):
Frequency (hertz): 60
Stabilization Time: HR
Operation Time: HR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P1590626

CATALOG NUMBER: HCDLS510CSD6TRMW-LO-5000K

Luminous Intensity Polar Plot



TEST NUMBER: P1590626

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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					0
RW	70	50	30	10	70	50	30	10		50	30	10			50	30	10			0
RCR																				
0	119	119	119	119	116	116	116	116		111	111	111			106	106	106			102
1	113	110	107	105	110	108	105	103		104	102	100			100	98	97			96
2	107	101	97	93	104	99	95	92		96	93	90			93	90	88			90
3	100	93	88	83	98	92	87	83		89	85	81			87	83	80			84
4	94	86	80	75	92	85	79	75		83	78	74			80	76	73			79
5	89	79	73	68	87	78	72	68		77	71	67			75	70	67			73
6	84	74	67	62	82	73	67	62		71	66	61			70	65	61			68
7	79	68	62	57	77	68	61	57		66	61	56			65	60	56			64
8	74	64	57	52	73	63	57	52		62	56	52			61	56	52			60
9	70	59	53	48	69	59	53	48		58	52	48			57	52	48			56
10	66	56	49	45	65	55	49	45		54	49	45			54	48	45			53

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	24066	24066	24066	24066
5°	23949	24009	23949	24009
10°	23574	23636	23574	23636
15°	22934	23042	22934	23042
20°	22017	22209	22017	22209
25°	20505	20662	20505	20662
30°	18471	18509	18471	18509
35°	15841	15760	15841	15760
40°	12273	12266	12273	12266
45°	8140	8156	8140	8156
50°	4409	4512	4409	4512
55°	1806	1787	1806	1787
60°	197	164	197	164
65°	26	26	26	26
70°	16	0	16	0
75°	0	0	0	0
80°	0	0	0	0
85°	0	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 67.5°

Vertical Angle: 45°

Luminance: 8264 cd/sqm

TEST NUMBER: P1590626

CATALOG NUMBER: HCDLS510CSD6TRMW-LO-5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	41.2	7.4
10°-20°	113.6	20.4
20°-30°	155.7	27.9
30°-40°	146.0	26.2
40°-50°	82.2	14.7
50°-60°	18.7	3.4
60°-70°	0.3	0.1
70°-80°	0.0	0.0
80°-90°	0.0	0.0
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.1	0.0
140°-150°	0.1	0.0
150°-160°	0.1	0.0
160°-170°	0.1	0.0
170°-180°	0.0	0.0
0°-30°	310.4	55.6
0°-40°	456.5	81.8
0°-60°	557.3	99.9
0°-90°	557.7	99.9
90°-120°	0.0	0.0
90°-150°	0.2	0.0
90°-180°	0.0	0.0
0°-180°	558.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	439	439	439	439	439	
5°	435	436	435	436	435	41
15°	404	406	404	406	404	114
25°	339	342	339	342	339	155
35°	237	236	237	236	237	146
45°	105	105	105	105	105	82
55°	19	19	19	19	19	19
65°	0	0	0	0	0	0
75°	0	0	0	0	0	0
85°	0	0	0	0	0	0
90°	0	0	0	0	0	0
95°	0	0	0	0	0	0
105°	0	0	0	0	0	0
115°	0	0	0	0	0	0
125°	0	0	0	0	0	0
135°	0	0	0	0	0	0
145°	0	0	0	0	0	0
155°	0	0	0	0	0	0
165°	0	0	0	0	0	0
175°	0	0	0	0	0	0
180°	0	0	0	0	0	0

TEST NUMBER: P1590626

CATALOG NUMBER: HCDLS510CSD6TRMW-LO-5000K

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
0°	439.0	439.0	439.0	439.0	439.0	439.0	439.0	439.0	439.0	439.0	439.0
0.5°	438.8	438.9	439.1	439.0	438.9	439.0	439.1	438.9	438.8	438.9	439.1
1°	438.7	438.8	439.0	439.0	438.8	439.0	439.0	438.8	438.7	438.8	439.0
1.5°	438.5	438.6	438.8	438.8	438.7	438.8	438.8	438.6	438.5	438.6	438.8
2°	438.2	438.3	438.6	438.6	438.6	438.6	438.6	438.3	438.2	438.3	438.6
2.5°	437.9	438.0	438.3	438.4	438.4	438.4	438.3	438.0	437.9	438.0	438.3
3°	437.5	437.6	437.9	438.0	438.1	438.0	437.9	437.6	437.5	437.6	437.9
3.5°	437.0	437.1	437.4	437.6	437.8	437.6	437.4	437.1	437.0	437.1	437.4
4°	436.4	436.6	436.9	437.1	437.4	437.1	436.9	436.6	436.4	436.6	436.9
4.5°	435.9	436.0	436.3	436.6	436.9	436.6	436.3	436.0	435.9	436.0	436.3
5°	435.2	435.3	435.6	435.9	436.3	435.9	435.6	435.3	435.2	435.3	435.6
5.5°	434.4	434.6	434.8	435.1	435.5	435.1	434.8	434.6	434.4	434.6	434.8
6°	433.6	433.7	433.9	434.1	434.6	434.1	433.9	433.7	433.6	433.7	433.9
6.5°	432.6	432.9	432.9	433.1	433.7	433.1	432.9	432.9	432.6	432.9	432.9
7°	431.6	431.8	431.8	432.0	432.6	432.0	431.8	431.8	431.6	431.8	431.8
7.5°	430.5	430.8	430.6	430.8	431.4	430.8	430.6	430.8	430.5	430.8	430.6
8°	429.3	429.6	429.4	429.5	430.2	429.5	429.4	429.6	429.3	429.6	429.4
8.5°	428.0	428.3	428.1	428.2	428.9	428.2	428.1	428.3	428.0	428.3	428.1
9°	426.6	426.9	426.6	426.8	427.5	426.8	426.6	426.9	426.6	426.9	426.6
9.5°	425.1	425.4	425.1	425.4	426.2	425.4	425.1	425.4	425.1	425.4	425.1
10°	423.5	423.9	423.4	423.8	424.6	423.8	423.4	423.9	423.5	423.9	423.4
10.5°	421.9	422.1	421.7	422.3	423.0	422.3	421.7	422.1	421.9	422.1	421.7
11°	420.1	420.3	419.9	420.6	421.4	420.6	419.9	420.3	420.1	420.3	419.9
11.5°	418.3	418.5	418.1	419.0	419.7	419.0	418.1	418.5	418.3	418.5	418.1
12°	416.4	416.5	416.1	417.2	417.9	417.2	416.1	416.5	416.4	416.5	416.1
12.5°	414.5	414.5	414.1	415.4	416.0	415.4	414.1	414.5	414.5	414.5	414.1
13°	412.5	412.4	412.1	413.5	414.2	413.5	412.1	412.4	412.5	412.4	412.1
13.5°	410.5	410.2	410.0	411.7	412.2	411.7	410.0	410.2	410.5	410.2	410.0
14°	408.4	408.1	407.9	409.6	410.2	409.6	407.9	408.1	408.4	408.1	407.9
14.5°	406.3	405.8	405.6	407.5	408.1	407.5	405.6	405.8	406.3	405.8	405.6
15°	404.1	403.5	403.4	405.3	406.0	405.3	403.4	403.5	404.1	403.5	403.4
15.5°	401.8	401.1	401.1	403.1	403.8	403.1	401.1	401.1	401.8	401.1	401.1
16°	399.5	398.7	398.7	400.7	401.5	400.7	398.7	398.7	399.5	398.7	398.7
16.5°	397.2	396.1	396.2	398.2	399.3	398.2	396.2	396.1	397.2	396.1	396.2
17°	394.8	393.5	393.5	395.6	396.9	395.6	393.5	393.5	394.8	393.5	393.5
17.5°	392.2	390.9	390.8	392.9	394.5	392.9	390.8	390.9	392.2	390.9	390.8
18°	389.4	388.2	388.0	390.1	392.0	390.1	388.0	388.2	389.4	388.2	388.0
18.5°	386.6	385.3	385.1	387.3	389.3	387.3	385.1	385.3	386.6	385.3	385.1
19°	383.6	382.4	382.1	384.5	386.6	384.5	382.1	382.4	383.6	382.4	382.1
19.5°	380.5	379.4	379.0	381.6	383.8	381.6	379.0	379.4	380.5	379.4	379.0
20°	377.4	376.3	375.9	378.4	380.7	378.4	375.9	376.3	377.4	376.3	375.9
20.5°	374.1	373.1	372.7	375.2	377.4	375.2	372.7	373.1	374.1	373.1	372.7
21°	370.7	369.7	369.3	371.8	374.0	371.8	369.3	369.7	370.7	369.7	369.3
21.5°	367.2	366.2	365.9	368.4	370.3	368.4	365.9	366.2	367.2	366.2	365.9
22°	363.4	362.7	362.4	364.7	366.6	364.7	362.4	362.7	363.4	362.7	362.4

TEST NUMBER: P1590626

CATALOG NUMBER: HCDLS510CSD6TRMW-LO-5000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
22.5°	359.6	359.0	358.9	361.1	362.6	361.1	358.9	359.0	359.6	359.0	358.9
23°	355.7	355.3	355.3	357.3	358.6	357.3	355.3	355.3	355.7	355.3	355.3
23.5°	351.6	351.5	351.7	353.4	354.5	353.4	351.7	351.5	351.6	351.5	351.7
24°	347.5	347.7	348.1	349.6	350.3	349.6	348.1	347.7	347.5	347.7	348.1
24.5°	343.3	343.7	344.3	345.5	345.9	345.5	344.3	343.7	343.3	343.7	344.3
25°	339.0	339.7	340.5	341.4	341.6	341.4	340.5	339.7	339.0	339.7	340.5
25.5°	334.6	335.6	336.5	337.2	337.0	337.2	336.5	335.6	334.6	335.6	336.5
26°	330.2	331.5	332.5	332.9	332.4	332.9	332.5	331.5	330.2	331.5	332.5
26.5°	325.7	327.2	328.3	328.5	327.6	328.5	328.3	327.2	325.7	327.2	328.3
27°	321.1	322.9	324.1	324.1	322.8	324.1	324.1	322.9	321.1	322.9	324.1
27.5°	316.5	318.4	319.7	319.5	318.0	319.5	319.7	318.4	316.5	318.4	319.7
28°	311.8	313.8	315.1	314.7	312.9	314.7	315.1	313.8	311.8	313.8	315.1
28.5°	306.9	309.1	310.4	309.9	308.0	309.9	310.4	309.1	306.9	309.1	310.4
29°	302.0	304.2	305.6	304.9	302.9	304.9	305.6	304.2	302.0	304.2	305.6
29.5°	296.9	299.3	300.7	299.9	297.8	299.9	300.7	299.3	296.9	299.3	300.7
30°	291.8	294.1	295.5	294.6	292.4	294.6	295.5	294.1	291.8	294.1	295.5
30.5°	286.7	289.0	290.2	289.2	287.0	289.2	290.2	289.0	286.7	289.0	290.2
31°	281.4	283.6	284.8	283.7	281.4	283.7	284.8	283.6	281.4	283.6	284.8
31.5°	276.0	278.2	279.2	278.1	275.9	278.1	279.2	278.2	276.0	278.2	279.2
32°	270.6	272.6	273.4	272.4	270.3	272.4	273.4	272.6	270.6	272.6	273.4
32.5°	265.2	267.0	267.5	266.6	264.6	266.6	267.5	267.0	265.2	267.0	267.5
33°	259.6	261.1	261.5	260.7	258.8	260.7	261.5	261.1	259.6	261.1	261.5
33.5°	254.2	255.2	255.4	254.7	253.0	254.7	255.4	255.2	254.2	255.2	255.4
34°	248.3	249.2	249.1	248.7	247.3	248.7	249.1	249.2	248.3	249.2	249.1
34.5°	242.6	243.2	242.8	242.4	241.4	242.4	242.8	243.2	242.6	243.2	242.8
35°	236.7	236.8	236.3	236.2	235.5	236.2	236.3	236.8	236.7	236.8	236.3
35.5°	230.7	230.5	229.8	229.9	229.5	229.9	229.8	230.5	230.7	230.5	229.8
36°	224.5	224.2	223.1	223.5	223.5	223.5	223.1	224.2	224.5	224.2	223.1
36.5°	218.3	217.7	216.6	217.1	217.4	217.1	216.6	217.7	218.3	217.7	216.6
37°	211.9	211.1	209.7	210.7	211.1	210.7	209.7	211.1	211.9	211.1	209.7
37.5°	205.4	204.6	203.0	204.2	204.6	204.2	203.0	204.6	205.4	204.6	203.0
38°	198.8	197.9	196.4	197.6	197.8	197.6	196.4	197.9	198.8	197.9	196.4
38.5°	192.2	191.3	189.7	191.0	191.2	191.0	189.7	191.3	192.2	191.3	189.7
39°	185.4	184.2	183.0	184.3	184.6	184.3	183.0	184.2	185.4	184.2	183.0
39.5°	178.4	177.5	176.5	177.6	178.0	177.6	176.5	177.5	178.4	177.5	176.5
40°	171.5	170.9	169.9	170.9	171.4	170.9	169.9	170.9	171.5	170.9	169.9
40.5°	164.7	164.3	163.4	164.2	164.8	164.2	163.4	164.3	164.7	164.3	163.4
41°	157.7	157.7	156.8	157.4	158.0	157.4	156.8	157.7	157.7	157.7	156.8
41.5°	150.8	151.0	150.2	150.8	151.2	150.8	150.2	151.0	150.8	151.0	150.2
42°	144.0	144.3	143.7	144.2	144.5	144.2	143.7	144.3	144.0	144.3	143.7
42.5°	137.3	137.6	137.3	137.8	137.7	137.8	137.3	137.6	137.3	137.6	137.3
43°	130.6	131.0	131.0	131.4	131.0	131.4	131.0	131.0	130.6	131.0	131.0
43.5°	124.1	124.5	124.7	125.0	124.3	125.0	124.7	124.5	124.1	124.5	124.7
44°	117.6	117.9	118.5	118.8	117.8	118.8	118.5	117.9	117.6	117.9	118.5
44.5°	111.2	111.6	112.5	112.8	111.5	112.8	112.5	111.6	111.2	111.6	112.5

TEST NUMBER: P1590626

CATALOG NUMBER: HCDLS510CSD6TRMW-LO-5000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
45°	105.0	105.5	106.5	106.6	105.2	106.6	106.5	105.5	105.0	105.5	106.5
45.5°	98.8	99.5	100.6	100.5	99.2	100.5	100.6	99.5	98.8	99.5	100.6
46°	92.7	93.6	94.7	94.7	93.3	94.7	94.7	93.6	92.7	93.6	94.7
46.5°	86.8	87.8	89.0	88.9	87.6	88.9	89.0	87.8	86.8	87.8	89.0
47°	81.1	82.2	83.3	83.3	82.0	83.3	83.3	82.2	81.1	82.2	83.3
47.5°	75.6	76.7	77.7	77.9	76.7	77.9	77.7	76.7	75.6	76.7	77.7
48°	70.3	71.4	72.3	72.5	71.5	72.5	72.3	71.4	70.3	71.4	72.3
48.5°	65.3	66.2	67.0	67.4	66.5	67.4	67.0	66.2	65.3	66.2	67.0
49°	60.5	61.3	61.9	62.4	61.7	62.4	61.9	61.3	60.5	61.3	61.9
49.5°	56.0	56.7	57.1	57.6	57.2	57.6	57.1	56.7	56.0	56.7	57.1
50°	51.7	52.2	52.6	53.2	52.9	53.2	52.6	52.2	51.7	52.2	52.6
50.5°	47.4	47.8	48.1	48.8	48.8	48.8	48.1	47.8	47.4	47.8	48.1
51°	43.3	43.5	43.7	44.5	44.7	44.5	43.7	43.5	43.3	43.5	43.7
51.5°	39.7	39.5	39.4	40.4	40.7	40.4	39.4	39.5	39.7	39.5	39.4
52°	36.1	35.8	35.5	36.5	36.9	36.5	35.5	35.8	36.1	35.8	35.5
52.5°	32.8	32.4	32.0	33.0	33.3	33.0	32.0	32.4	32.8	32.4	32.0
53°	29.7	29.2	28.7	29.8	30.0	29.8	28.7	29.2	29.7	29.2	28.7
53.5°	26.8	26.2	25.7	26.7	26.9	26.7	25.7	26.2	26.8	26.2	25.7
54°	23.9	23.4	22.9	23.8	24.0	23.8	22.9	23.4	23.9	23.4	22.9
54.5°	21.4	20.8	20.4	21.1	21.2	21.1	20.4	20.8	21.4	20.8	20.4
55°	18.9	18.5	18.1	18.6	18.7	18.6	18.1	18.5	18.9	18.5	18.1
55.5°	16.6	16.2	16.0	16.3	16.3	16.3	16.0	16.2	16.6	16.2	16.0
56°	14.5	14.3	14.0	14.2	14.2	14.2	14.0	14.3	14.5	14.3	14.0
56.5°	12.6	12.5	12.1	12.3	12.3	12.3	12.1	12.5	12.6	12.5	12.1
57°	10.8	10.7	10.3	10.4	10.5	10.4	10.3	10.7	10.8	10.7	10.3
57.5°	9.0	8.9	8.6	8.6	8.6	8.6	8.6	8.9	9.0	8.9	8.6
58°	7.2	7.2	6.9	6.9	6.8	6.9	6.9	7.2	7.2	7.2	6.9
58.5°	5.6	5.6	5.2	5.2	5.2	5.2	5.2	5.6	5.6	5.6	5.2
59°	3.9	4.0	3.6	3.6	3.6	3.6	3.6	4.0	3.9	4.0	3.6
59.5°	2.7	2.7	2.3	2.3	2.4	2.3	2.3	2.7	2.7	2.7	2.3
60°	1.8	1.8	1.5	1.4	1.5	1.4	1.5	1.8	1.8	1.8	1.5
60.5°	1.2	1.3	1.0	0.9	1.2	0.9	1.0	1.3	1.2	1.3	1.0
61°	1.0	1.0	0.8	0.7	1.0	0.7	0.8	1.0	1.0	1.0	0.8
61.5°	0.8	0.8	0.6	0.6	0.8	0.6	0.6	0.8	0.8	0.8	0.6
62°	0.6	0.6	0.5	0.4	0.5	0.4	0.5	0.6	0.6	0.6	0.5
62.5°	0.4	0.5	0.4	0.3	0.3	0.3	0.4	0.5	0.4	0.5	0.4
63°	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.3
63.5°	0.3	0.3	0.3	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3
64°	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.2
64.5°	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2
65°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
65.5°	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2
66°	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1
66.5°	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1
67°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

TEST NUMBER: P1590626

CATALOG NUMBER: HCDLS510CSD6TRMW-LO-5000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
67.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
68°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
68.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
69°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
69.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
70°	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1
70.5°	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0
71°	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
71.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P1590626

CATALOG NUMBER: HCDLS510CSD6TRMW-LO-5000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P1590626

CATALOG NUMBER: HCDLS510CSD6TRMW-LO-5000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
128°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
128.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129.5°	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1
130°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
130.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
131°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
131.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
132°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
132.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
133°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
133.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
134°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
134.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

TEST NUMBER: P1590626

CATALOG NUMBER: HCDLS510CSD6TRMW-LO-5000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
135°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
135.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
136°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
136.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
137°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
137.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
138°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
138.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
139°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
139.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
140°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
140.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
141°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
141.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
142°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
142.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
143°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
143.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
144°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
144.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
145°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
145.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
146°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
146.5°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
147°	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
147.5°	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1
148°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
148.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
149°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
149.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
150°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
150.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
151°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
151.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
152°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
152.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
153°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
153.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
154°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
154.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
155°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
155.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
156°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
156.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
157°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

TEST NUMBER: P1590626

CATALOG NUMBER: HCDLS510CSD6TRMW-LO-5000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
157.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
158°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
158.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
159°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
159.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
160°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
160.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
161°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
161.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
162°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
162.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
163°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
163.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
164°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
164.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
165°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
165.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
166°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
166.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
167°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
167.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
168°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
168.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
169°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
169.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
170°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
170.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
171°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
171.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
172°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
172.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
173°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
173.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
174°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
174.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
175°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
175.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
176°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
176.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
177°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
177.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
178°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
178.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
179°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
179.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2



TEST NUMBER: P1590626

CATALOG NUMBER: HCDLS510CSD6TRMW-LO-5000K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°	202.5°	225°
180°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

TEST NUMBER: P1590626

CATALOG NUMBER: HCDLS510CSD6TRMW-LO-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
0°	439.0	439.0	439.0	439.0	439.0	439.0
0.5°	439.0	438.9	439.0	439.1	438.9	438.8
1°	439.0	438.8	439.0	439.0	438.8	438.7
1.5°	438.8	438.7	438.8	438.8	438.6	438.5
2°	438.6	438.6	438.6	438.6	438.3	438.2
2.5°	438.4	438.4	438.4	438.3	438.0	437.9
3°	438.0	438.1	438.0	437.9	437.6	437.5
3.5°	437.6	437.8	437.6	437.4	437.1	437.0
4°	437.1	437.4	437.1	436.9	436.6	436.4
4.5°	436.6	436.9	436.6	436.3	436.0	435.9
5°	435.9	436.3	435.9	435.6	435.3	435.2
5.5°	435.1	435.5	435.1	434.8	434.6	434.4
6°	434.1	434.6	434.1	433.9	433.7	433.6
6.5°	433.1	433.7	433.1	432.9	432.9	432.6
7°	432.0	432.6	432.0	431.8	431.8	431.6
7.5°	430.8	431.4	430.8	430.6	430.8	430.5
8°	429.5	430.2	429.5	429.4	429.6	429.3
8.5°	428.2	428.9	428.2	428.1	428.3	428.0
9°	426.8	427.5	426.8	426.6	426.9	426.6
9.5°	425.4	426.2	425.4	425.1	425.4	425.1
10°	423.8	424.6	423.8	423.4	423.9	423.5
10.5°	422.3	423.0	422.3	421.7	422.1	421.9
11°	420.6	421.4	420.6	419.9	420.3	420.1
11.5°	419.0	419.7	419.0	418.1	418.5	418.3
12°	417.2	417.9	417.2	416.1	416.5	416.4
12.5°	415.4	416.0	415.4	414.1	414.5	414.5
13°	413.5	414.2	413.5	412.1	412.4	412.5
13.5°	411.7	412.2	411.7	410.0	410.2	410.5
14°	409.6	410.2	409.6	407.9	408.1	408.4
14.5°	407.5	408.1	407.5	405.6	405.8	406.3
15°	405.3	406.0	405.3	403.4	403.5	404.1
15.5°	403.1	403.8	403.1	401.1	401.1	401.8
16°	400.7	401.5	400.7	398.7	398.7	399.5
16.5°	398.2	399.3	398.2	396.2	396.1	397.2
17°	395.6	396.9	395.6	393.5	393.5	394.8
17.5°	392.9	394.5	392.9	390.8	390.9	392.2
18°	390.1	392.0	390.1	388.0	388.2	389.4
18.5°	387.3	389.3	387.3	385.1	385.3	386.6
19°	384.5	386.6	384.5	382.1	382.4	383.6
19.5°	381.6	383.8	381.6	379.0	379.4	380.5
20°	378.4	380.7	378.4	375.9	376.3	377.4
20.5°	375.2	377.4	375.2	372.7	373.1	374.1
21°	371.8	374.0	371.8	369.3	369.7	370.7
21.5°	368.4	370.3	368.4	365.9	366.2	367.2
22°	364.7	366.6	364.7	362.4	362.7	363.4

TEST NUMBER: P1590626

CATALOG NUMBER: HCDLS510CSD6TRMW-LO-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
22.5°	361.1	362.6	361.1	358.9	359.0	359.6
23°	357.3	358.6	357.3	355.3	355.3	355.7
23.5°	353.4	354.5	353.4	351.7	351.5	351.6
24°	349.6	350.3	349.6	348.1	347.7	347.5
24.5°	345.5	345.9	345.5	344.3	343.7	343.3
25°	341.4	341.6	341.4	340.5	339.7	339.0
25.5°	337.2	337.0	337.2	336.5	335.6	334.6
26°	332.9	332.4	332.9	332.5	331.5	330.2
26.5°	328.5	327.6	328.5	328.3	327.2	325.7
27°	324.1	322.8	324.1	324.1	322.9	321.1
27.5°	319.5	318.0	319.5	319.7	318.4	316.5
28°	314.7	312.9	314.7	315.1	313.8	311.8
28.5°	309.9	308.0	309.9	310.4	309.1	306.9
29°	304.9	302.9	304.9	305.6	304.2	302.0
29.5°	299.9	297.8	299.9	300.7	299.3	296.9
30°	294.6	292.4	294.6	295.5	294.1	291.8
30.5°	289.2	287.0	289.2	290.2	289.0	286.7
31°	283.7	281.4	283.7	284.8	283.6	281.4
31.5°	278.1	275.9	278.1	279.2	278.2	276.0
32°	272.4	270.3	272.4	273.4	272.6	270.6
32.5°	266.6	264.6	266.6	267.5	267.0	265.2
33°	260.7	258.8	260.7	261.5	261.1	259.6
33.5°	254.7	253.0	254.7	255.4	255.2	254.2
34°	248.7	247.3	248.7	249.1	249.2	248.3
34.5°	242.4	241.4	242.4	242.8	243.2	242.6
35°	236.2	235.5	236.2	236.3	236.8	236.7
35.5°	229.9	229.5	229.9	229.8	230.5	230.7
36°	223.5	223.5	223.5	223.1	224.2	224.5
36.5°	217.1	217.4	217.1	216.6	217.7	218.3
37°	210.7	211.1	210.7	209.7	211.1	211.9
37.5°	204.2	204.6	204.2	203.0	204.6	205.4
38°	197.6	197.8	197.6	196.4	197.9	198.8
38.5°	191.0	191.2	191.0	189.7	191.3	192.2
39°	184.3	184.6	184.3	183.0	184.2	185.4
39.5°	177.6	178.0	177.6	176.5	177.5	178.4
40°	170.9	171.4	170.9	169.9	170.9	171.5
40.5°	164.2	164.8	164.2	163.4	164.3	164.7
41°	157.4	158.0	157.4	156.8	157.7	157.7
41.5°	150.8	151.2	150.8	150.2	151.0	150.8
42°	144.2	144.5	144.2	143.7	144.3	144.0
42.5°	137.8	137.7	137.8	137.3	137.6	137.3
43°	131.4	131.0	131.4	131.0	131.0	130.6
43.5°	125.0	124.3	125.0	124.7	124.5	124.1
44°	118.8	117.8	118.8	118.5	117.9	117.6
44.5°	112.8	111.5	112.8	112.5	111.6	111.2

TEST NUMBER: P1590626

CATALOG NUMBER: HCDLS510CSD6TRMW-LO-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
45°	106.6	105.2	106.6	106.5	105.5	105.0
45.5°	100.5	99.2	100.5	100.6	99.5	98.8
46°	94.7	93.3	94.7	94.7	93.6	92.7
46.5°	88.9	87.6	88.9	89.0	87.8	86.8
47°	83.3	82.0	83.3	83.3	82.2	81.1
47.5°	77.9	76.7	77.9	77.7	76.7	75.6
48°	72.5	71.5	72.5	72.3	71.4	70.3
48.5°	67.4	66.5	67.4	67.0	66.2	65.3
49°	62.4	61.7	62.4	61.9	61.3	60.5
49.5°	57.6	57.2	57.6	57.1	56.7	56.0
50°	53.2	52.9	53.2	52.6	52.2	51.7
50.5°	48.8	48.8	48.8	48.1	47.8	47.4
51°	44.5	44.7	44.5	43.7	43.5	43.3
51.5°	40.4	40.7	40.4	39.4	39.5	39.7
52°	36.5	36.9	36.5	35.5	35.8	36.1
52.5°	33.0	33.3	33.0	32.0	32.4	32.8
53°	29.8	30.0	29.8	28.7	29.2	29.7
53.5°	26.7	26.9	26.7	25.7	26.2	26.8
54°	23.8	24.0	23.8	22.9	23.4	23.9
54.5°	21.1	21.2	21.1	20.4	20.8	21.4
55°	18.6	18.7	18.6	18.1	18.5	18.9
55.5°	16.3	16.3	16.3	16.0	16.2	16.6
56°	14.2	14.2	14.2	14.0	14.3	14.5
56.5°	12.3	12.3	12.3	12.1	12.5	12.6
57°	10.4	10.5	10.4	10.3	10.7	10.8
57.5°	8.6	8.6	8.6	8.6	8.9	9.0
58°	6.9	6.8	6.9	6.9	7.2	7.2
58.5°	5.2	5.2	5.2	5.2	5.6	5.6
59°	3.6	3.6	3.6	3.6	4.0	3.9
59.5°	2.3	2.4	2.3	2.3	2.7	2.7
60°	1.4	1.5	1.4	1.5	1.8	1.8
60.5°	0.9	1.2	0.9	1.0	1.3	1.2
61°	0.7	1.0	0.7	0.8	1.0	1.0
61.5°	0.6	0.8	0.6	0.6	0.8	0.8
62°	0.4	0.5	0.4	0.5	0.6	0.6
62.5°	0.3	0.3	0.3	0.4	0.5	0.4
63°	0.3	0.3	0.3	0.3	0.4	0.4
63.5°	0.2	0.2	0.2	0.3	0.3	0.3
64°	0.2	0.2	0.2	0.2	0.3	0.3
64.5°	0.2	0.2	0.2	0.2	0.2	0.3
65°	0.2	0.2	0.2	0.2	0.2	0.2
65.5°	0.1	0.1	0.1	0.2	0.2	0.2
66°	0.1	0.1	0.1	0.1	0.2	0.2
66.5°	0.1	0.1	0.1	0.1	0.1	0.2
67°	0.1	0.1	0.1	0.1	0.1	0.1

TEST NUMBER: P1590626

CATALOG NUMBER: HCDLS510CSD6TRMW-LO-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
67.5°	0.1	0.1	0.1	0.1	0.1	0.1
68°	0.1	0.1	0.1	0.1	0.1	0.1
68.5°	0.1	0.1	0.1	0.1	0.1	0.1
69°	0.1	0.1	0.1	0.1	0.1	0.1
69.5°	0.1	0.1	0.1	0.1	0.1	0.1
70°	0.0	0.0	0.0	0.1	0.1	0.1
70.5°	0.0	0.0	0.0	0.0	0.1	0.1
71°	0.0	0.0	0.0	0.0	0.0	0.1
71.5°	0.0	0.0	0.0	0.0	0.0	0.0
72°	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0
73°	0.0	0.0	0.0	0.0	0.0	0.0
73.5°	0.0	0.0	0.0	0.0	0.0	0.0
74°	0.0	0.0	0.0	0.0	0.0	0.0
74.5°	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0
75.5°	0.0	0.0	0.0	0.0	0.0	0.0
76°	0.0	0.0	0.0	0.0	0.0	0.0
76.5°	0.0	0.0	0.0	0.0	0.0	0.0
77°	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0
78°	0.0	0.0	0.0	0.0	0.0	0.0
78.5°	0.0	0.0	0.0	0.0	0.0	0.0
79°	0.0	0.0	0.0	0.0	0.0	0.0
79.5°	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0
80.5°	0.0	0.0	0.0	0.0	0.0	0.0
81°	0.0	0.0	0.0	0.0	0.0	0.0
81.5°	0.0	0.0	0.0	0.0	0.0	0.0
82°	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0
83°	0.0	0.0	0.0	0.0	0.0	0.0
83.5°	0.0	0.0	0.0	0.0	0.0	0.0
84°	0.0	0.0	0.0	0.0	0.0	0.0
84.5°	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0
85.5°	0.0	0.0	0.0	0.0	0.0	0.0
86°	0.0	0.0	0.0	0.0	0.0	0.0
86.5°	0.0	0.0	0.0	0.0	0.0	0.0
87°	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0
88°	0.0	0.0	0.0	0.0	0.0	0.0
88.5°	0.0	0.0	0.0	0.0	0.0	0.0
89°	0.0	0.0	0.0	0.0	0.0	0.0
89.5°	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P1590626

CATALOG NUMBER: HCDLS510CSD6TRMW-LO-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
90°	0.0	0.0	0.0	0.0	0.0	0.0
90.5°	0.0	0.0	0.0	0.0	0.0	0.0
91°	0.0	0.0	0.0	0.0	0.0	0.0
91.5°	0.0	0.0	0.0	0.0	0.0	0.0
92°	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0
93°	0.0	0.0	0.0	0.0	0.0	0.0
93.5°	0.0	0.0	0.0	0.0	0.0	0.0
94°	0.0	0.0	0.0	0.0	0.0	0.0
94.5°	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0
95.5°	0.0	0.0	0.0	0.0	0.0	0.0
96°	0.0	0.0	0.0	0.0	0.0	0.0
96.5°	0.0	0.0	0.0	0.0	0.0	0.0
97°	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0
98°	0.0	0.0	0.0	0.0	0.0	0.0
98.5°	0.0	0.0	0.0	0.0	0.0	0.0
99°	0.0	0.0	0.0	0.0	0.0	0.0
99.5°	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0
100.5°	0.0	0.0	0.0	0.0	0.0	0.0
101°	0.0	0.0	0.0	0.0	0.0	0.0
101.5°	0.0	0.0	0.0	0.0	0.0	0.0
102°	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0
103°	0.0	0.0	0.0	0.0	0.0	0.0
103.5°	0.0	0.0	0.0	0.0	0.0	0.0
104°	0.0	0.0	0.0	0.0	0.0	0.0
104.5°	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0
105.5°	0.0	0.0	0.0	0.0	0.0	0.0
106°	0.0	0.0	0.0	0.0	0.0	0.0
106.5°	0.0	0.0	0.0	0.0	0.0	0.0
107°	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0
108°	0.0	0.0	0.0	0.0	0.0	0.0
108.5°	0.0	0.0	0.0	0.0	0.0	0.0
109°	0.0	0.0	0.0	0.0	0.0	0.0
109.5°	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0
110.5°	0.0	0.0	0.0	0.0	0.0	0.0
111°	0.0	0.0	0.0	0.0	0.0	0.0
111.5°	0.0	0.0	0.0	0.0	0.0	0.0
112°	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P1590626

CATALOG NUMBER: HCDLS510CSD6TRMW-LO-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
112.5°	0.0	0.0	0.0	0.0	0.0	0.0
113°	0.0	0.0	0.0	0.0	0.0	0.0
113.5°	0.0	0.0	0.0	0.0	0.0	0.0
114°	0.0	0.0	0.0	0.0	0.0	0.0
114.5°	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0
115.5°	0.0	0.0	0.0	0.0	0.0	0.0
116°	0.0	0.0	0.0	0.0	0.0	0.0
116.5°	0.0	0.0	0.0	0.0	0.0	0.0
117°	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0
118°	0.0	0.0	0.0	0.0	0.0	0.0
118.5°	0.0	0.0	0.0	0.0	0.0	0.0
119°	0.0	0.0	0.0	0.0	0.0	0.0
119.5°	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0
120.5°	0.0	0.0	0.0	0.0	0.0	0.0
121°	0.0	0.0	0.0	0.0	0.0	0.0
121.5°	0.0	0.0	0.0	0.0	0.0	0.0
122°	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0
123°	0.0	0.0	0.0	0.0	0.0	0.0
123.5°	0.0	0.0	0.0	0.0	0.0	0.0
124°	0.0	0.0	0.0	0.0	0.0	0.0
124.5°	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0
125.5°	0.0	0.0	0.0	0.0	0.0	0.0
126°	0.0	0.0	0.0	0.0	0.0	0.0
126.5°	0.0	0.0	0.0	0.0	0.0	0.0
127°	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0
128°	0.0	0.0	0.0	0.0	0.0	0.0
128.5°	0.0	0.0	0.0	0.0	0.0	0.0
129°	0.0	0.0	0.0	0.0	0.0	0.0
129.5°	0.1	0.0	0.1	0.1	0.1	0.1
130°	0.1	0.1	0.1	0.1	0.1	0.1
130.5°	0.1	0.1	0.1	0.1	0.1	0.1
131°	0.1	0.1	0.1	0.1	0.1	0.1
131.5°	0.1	0.1	0.1	0.1	0.1	0.1
132°	0.1	0.1	0.1	0.1	0.1	0.1
132.5°	0.1	0.1	0.1	0.1	0.1	0.1
133°	0.1	0.1	0.1	0.1	0.1	0.1
133.5°	0.1	0.1	0.1	0.1	0.1	0.1
134°	0.1	0.1	0.1	0.1	0.1	0.1
134.5°	0.1	0.1	0.1	0.1	0.1	0.1

TEST NUMBER: P1590626

CATALOG NUMBER: HCDLS510CSD6TRMW-LO-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
135°	0.1	0.1	0.1	0.1	0.1	0.1
135.5°	0.1	0.1	0.1	0.1	0.1	0.1
136°	0.1	0.1	0.1	0.1	0.1	0.1
136.5°	0.1	0.1	0.1	0.1	0.1	0.1
137°	0.1	0.1	0.1	0.1	0.1	0.1
137.5°	0.1	0.1	0.1	0.1	0.1	0.1
138°	0.1	0.1	0.1	0.1	0.1	0.1
138.5°	0.1	0.1	0.1	0.1	0.1	0.1
139°	0.1	0.1	0.1	0.1	0.1	0.1
139.5°	0.1	0.1	0.1	0.1	0.1	0.1
140°	0.1	0.1	0.1	0.1	0.1	0.1
140.5°	0.1	0.1	0.1	0.1	0.1	0.1
141°	0.1	0.1	0.1	0.1	0.1	0.1
141.5°	0.1	0.1	0.1	0.1	0.1	0.1
142°	0.1	0.1	0.1	0.1	0.1	0.1
142.5°	0.1	0.1	0.1	0.1	0.1	0.1
143°	0.1	0.1	0.1	0.1	0.1	0.1
143.5°	0.1	0.1	0.1	0.1	0.1	0.1
144°	0.1	0.1	0.1	0.1	0.1	0.1
144.5°	0.1	0.1	0.1	0.1	0.1	0.1
145°	0.1	0.1	0.1	0.1	0.1	0.1
145.5°	0.1	0.1	0.1	0.1	0.1	0.1
146°	0.1	0.1	0.1	0.1	0.1	0.1
146.5°	0.1	0.1	0.1	0.1	0.1	0.1
147°	0.1	0.1	0.1	0.1	0.1	0.1
147.5°	0.1	0.1	0.1	0.1	0.2	0.2
148°	0.2	0.2	0.2	0.2	0.2	0.2
148.5°	0.2	0.2	0.2	0.2	0.2	0.2
149°	0.2	0.2	0.2	0.2	0.2	0.2
149.5°	0.2	0.2	0.2	0.2	0.2	0.2
150°	0.2	0.2	0.2	0.2	0.2	0.2
150.5°	0.2	0.2	0.2	0.2	0.2	0.2
151°	0.2	0.2	0.2	0.2	0.2	0.2
151.5°	0.2	0.2	0.2	0.2	0.2	0.2
152°	0.2	0.2	0.2	0.2	0.2	0.2
152.5°	0.2	0.2	0.2	0.2	0.2	0.2
153°	0.2	0.2	0.2	0.2	0.2	0.2
153.5°	0.2	0.2	0.2	0.2	0.2	0.2
154°	0.2	0.2	0.2	0.2	0.2	0.2
154.5°	0.2	0.2	0.2	0.2	0.2	0.2
155°	0.2	0.2	0.2	0.2	0.2	0.2
155.5°	0.2	0.2	0.2	0.2	0.2	0.2
156°	0.2	0.2	0.2	0.2	0.2	0.2
156.5°	0.2	0.2	0.2	0.2	0.2	0.2
157°	0.2	0.2	0.2	0.2	0.2	0.2

TEST NUMBER: P1590626

CATALOG NUMBER: HCDLS510CSD6TRMW-LO-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
157.5°	0.2	0.2	0.2	0.2	0.2	0.2
158°	0.2	0.2	0.2	0.2	0.2	0.2
158.5°	0.2	0.2	0.2	0.2	0.2	0.2
159°	0.2	0.2	0.2	0.2	0.2	0.2
159.5°	0.2	0.2	0.2	0.2	0.2	0.2
160°	0.2	0.2	0.2	0.2	0.2	0.2
160.5°	0.2	0.2	0.2	0.2	0.2	0.2
161°	0.2	0.2	0.2	0.2	0.2	0.2
161.5°	0.2	0.2	0.2	0.2	0.2	0.2
162°	0.2	0.2	0.2	0.2	0.2	0.2
162.5°	0.2	0.2	0.2	0.2	0.2	0.2
163°	0.2	0.2	0.2	0.2	0.2	0.2
163.5°	0.2	0.2	0.2	0.2	0.2	0.2
164°	0.2	0.2	0.2	0.2	0.2	0.2
164.5°	0.2	0.2	0.2	0.2	0.2	0.2
165°	0.2	0.2	0.2	0.2	0.2	0.2
165.5°	0.2	0.2	0.2	0.2	0.2	0.2
166°	0.2	0.2	0.2	0.2	0.2	0.2
166.5°	0.2	0.2	0.2	0.2	0.2	0.2
167°	0.2	0.2	0.2	0.2	0.2	0.2
167.5°	0.2	0.2	0.2	0.2	0.2	0.2
168°	0.2	0.2	0.2	0.2	0.2	0.2
168.5°	0.2	0.2	0.2	0.2	0.2	0.2
169°	0.2	0.2	0.2	0.2	0.2	0.2
169.5°	0.2	0.2	0.2	0.2	0.2	0.2
170°	0.2	0.2	0.2	0.2	0.2	0.2
170.5°	0.2	0.2	0.2	0.2	0.2	0.2
171°	0.2	0.2	0.2	0.2	0.2	0.2
171.5°	0.2	0.2	0.2	0.2	0.2	0.2
172°	0.2	0.2	0.2	0.2	0.2	0.2
172.5°	0.2	0.2	0.2	0.2	0.2	0.2
173°	0.2	0.2	0.2	0.2	0.2	0.2
173.5°	0.2	0.2	0.2	0.2	0.2	0.2
174°	0.2	0.2	0.2	0.2	0.2	0.2
174.5°	0.2	0.2	0.2	0.2	0.2	0.2
175°	0.2	0.2	0.2	0.2	0.2	0.2
175.5°	0.2	0.2	0.2	0.2	0.2	0.2
176°	0.2	0.2	0.2	0.2	0.2	0.2
176.5°	0.2	0.2	0.2	0.2	0.2	0.2
177°	0.2	0.2	0.2	0.2	0.2	0.2
177.5°	0.2	0.2	0.2	0.2	0.2	0.2
178°	0.2	0.2	0.2	0.2	0.2	0.2
178.5°	0.2	0.2	0.2	0.2	0.2	0.2
179°	0.2	0.2	0.2	0.2	0.2	0.2
179.5°	0.2	0.2	0.2	0.2	0.2	0.2



TEST NUMBER: P1590626

CATALOG NUMBER: HCDLS510CSD6TRMW-LO-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	270°	292.5°	315°	337.5°	360°
180°	0.2	0.2	0.2	0.2	0.2	0.2

TEST NUMBER: P1590626

CATALOG NUMBER: HCDLS510CSD6TRMW-LO-5000K

CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room Dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	3.9	5.0	4.3	5.3	5.6	3.6	4.7	4.0	5.1	5.4
	3H	3.7	4.7	4.1	5.0	5.4	3.5	4.4	3.8	4.8	5.1
	4H	3.6	4.5	4.0	4.9	5.3	3.4	4.3	3.8	4.6	5.0
	6H	3.5	4.4	4.0	4.7	5.1	3.3	4.1	3.7	4.5	4.9
	8H	3.5	4.3	3.9	4.7	5.1	3.2	4.0	3.7	4.4	4.8
	12H	3.4	4.2	3.9	4.6	5.0	3.2	3.9	3.6	4.3	4.7
4H	2H	3.6	4.5	4.0	4.9	5.3	3.4	4.3	3.8	4.6	5.0
	3H	3.5	4.2	3.9	4.6	5.0	3.2	3.9	3.6	4.3	4.7
	4H	3.4	4.0	3.8	4.4	4.9	3.1	3.7	3.5	4.1	4.6
	6H	3.3	3.8	3.7	4.3	4.7	3.0	3.5	3.4	4.0	4.5
	8H	3.2	3.7	3.7	4.1	4.6	2.9	3.4	3.4	3.9	4.4
	12H	3.1	3.6	3.6	4.1	4.5	2.8	3.3	3.3	3.8	4.3
8H	4H	3.2	3.7	3.7	4.1	4.6	2.9	3.4	3.4	3.9	4.4
	6H	3.1	3.5	3.6	4.0	4.5	2.8	3.2	3.3	3.7	4.2
	8H	3.0	3.4	3.5	3.9	4.4	2.7	3.1	3.2	3.6	4.1
	12H	2.9	3.3	3.4	3.8	4.3	2.7	3.0	3.2	3.5	4.1
12H	4H	3.1	3.6	3.6	4.1	4.5	2.8	3.3	3.3	3.8	4.3
	6H	3.0	3.4	3.5	3.8	4.4	2.7	3.1	3.3	3.6	4.1
	8H	2.9	3.3	3.4	3.8	4.3	2.7	3.0	3.2	3.5	4.1

(END OF REPORT)